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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Under 37 CFR 1.97(b), (c), or (d)

Docket No.

5017/ISM/CORE/MCVD/SB

In re Application of: Chin, et al.

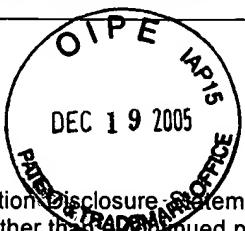
Serial No.
09/917,842

Filing Date
July 27, 2001

Examiner
Kosowski

Group Art Unit
2125

Title: ATOMIC LAYER DEPOSITION APPARATUS



Address to:
Commissioner for Patents
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), but prior to the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by the statement or fee as indicated below.

37 CFR 1.97(d)

3. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(c), but on or before payment of the issue fee and is accompanied by the statement or fee as indicated below.

Required Statements and/or Fees Under 37 CFR 1.97(c) or (d)

Each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement. (37 CFR 1.97(e)(1))

No item of information in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement. (37 CFR 1.97(e)(2))

The fee set forth in 37 CFR 1.17(p). Please credit any overpayment or charge any insufficiencies to Deposit Account No. 20-0782.

37 CFR §1.704(d)

4. Each item of information in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 CFR §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Dated: 12/15/05

Keith P. Taboada, Esq.
Reg. No. 45,150

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I certify that this document is being deposited on 12-15-05 with the U.S. Post Service as first-class mail under 37 C.F.R. §1.8 and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

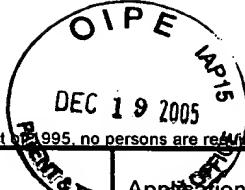
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 2

Application Number

09/917,842

Filing Date

July 27, 2001

First Named Inventor

Chin, et al.

Group Art Unit

2125

Examiner Name

Kosowski

Attorney Docket Number

5017/ISM/CORE/MCVD

Submission Date

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US-20030004723	01/02/2003	Chihara	
	A2	US-20030017697	01/23/2003	Choi, et al.	
	A3	US-20030101938	06/05/2003	Ronsse, et al.	
	A4	US-20030219942	11/27/2003	Choi, et al.	
	A5	US-20030235961	12/25/2003	Metzner, et al.	
	A6	US-20040219784	11/04/2004	Kang, et al.	
	A7	US-20040224506	11/11/2004	Choi, et al.	
	A8	US-20040235285	11/25/2004	Kang, et al.	
	A9	US-20050059240	03/17/2005	Choi, et al.	
	A10	US-20050095859	05/05/2005	Chen, et al.	
	A11	US-20050104142	05/19/2005	Narayanan, et al.	
	A12	US-4415275	11/15/1983	Dietrich	
	A13	US-4761269	08/02/1988	Conger, et al.	
	A14	US-5027746	07/02/1992	Frijlink, et al.	
	A15	US-5173327	12/22/1992	Sandhu, et al.	
	A16	US-6,387,185	05/14/2002	Doering, et al.	
	A17	US-6,432,231	08/13/2002	Hamaguchi, et al.	
	A18	US-6,451,119	09/17/2002	Sneh, et al.	
	A19	US-6,573,182	06/03/2003	Sandhu, et al.	
	A20	US-6,579,374	06/17/2003	Bondestam, et al.	
	A21	US-6,593,484	07/15/2003	Yasuhara, et al.	
	A22	US-6,613,656	09/02/2003	Li	
	A23	US-6071572	06/06/2000	Mosely, et al.	
	A24	US-6302965	10/16/2001	Umotoy, et al.	
	A25	US-6593484	07/15/2003	Yasuhara, et al.	
	A26	US-6815285	11/09/2004	Choi, et al.	

Examiner

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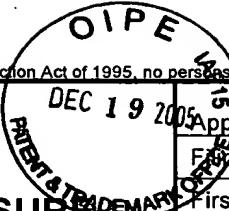
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2

of 2

Submission Date

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	B1	EP 0 497 267	08/05/1992	Moore, et al.		
	B2	WO 03/23835	03/20/2003	Lee, et al.		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	C1	European Search Report dated September 23, 2005 from European Application No. 03257169.7	X

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.